

**AMENDMENTS TO THE CLAIMS**

**This listing of claims will replace all prior versions and listings of claims in the application:**

**LISTING OF CLAIMS:**

**1. (Currently Amended):** A rubber material composition comprising:

carboxylated acrylonitrile-butadiene rubber;

20 to 90 wt parts of carbon black for 100 wt parts of said carboxylated acrylonitrile-butadiene rubber; and

10 to 60 wt parts of polyolefin resin for 100 wt parts of said carboxylated acrylonitrile-butadiene rubber; and

wherein the carboxylated acrylonitrile-butadiene rubber comprises a carboxyl group in an amount of  $2 \times 10^{-3}$  to  $5 \times 10^{-2}$  ephr, in terms of acid equivalent weight.

**2-6. (Canceled).**

**7. (Currently Amended):** A rubber material composition consisting essentially of:

carboxylated acrylonitrile-butadiene rubber; and

10 to 60 wt parts of polyolefin resin for 100 wt parts of said carboxylated acrylonitrile-butadiene rubber,

wherein the polyolefin resin is selected from the group consisting of carboxylic modified polyethylene and carboxylic modified polypropylene; and

wherein the carboxylated acrylonitrile-butadiene rubber comprises a carboxyl group in an amount of  $2 \times 10^{-3}$  to  $5 \times 10^{-2}$  ephr, in terms of acid equivalent weight.

**8. (Currently Amended):** A rubber material composition comprising:

carboxylated acrylonitrile-butadiene rubber; and

10 to 60 wt parts of polyolefin based resin for 100 wt parts of said carboxylated acrylonitrile-butadiene rubber,

wherein the polyolefin based resin is selected from the group consisting of carboxylic modified polyethylene and carboxylic modified polypropylene; and  
wherein the carboxylated acrylonitrile-butadiene rubber comprises a carboxyl group in an amount of  $2 \times 10^{-3}$  to  $5 \times 10^{-2}$  ephr, in terms of acid equivalent weight.

**9. (Canceled).**

**10. (Canceled).**

**11. (Previously Presented):** The rubber material composition of claim 10, wherein the carboxylated acrylonitrile-butadiene rubber comprises a carboxyl group in an amount of  $2 \times 10^{-3}$  ephr, in terms of acid equivalent weight.

**12. (Previously Presented):** The rubber material composition of claim 7, further comprising a vulcanization agent and an age register agent.

**13. (Previously Presented):** The rubber material composition of claim 12, further comprising a reinforcing agent selected from the group consisting of hydrated silica, clay, talc, calcium carbonate, diatomaceous earth and wollastonite.

**14. (Previously Presented):** The rubber material composition of claim 13, wherein the reinforcing agent is an amount of 20 to 150 wt parts per 100 parts of the carboxylated acrylonitrile-butadiene rubber.

**15. (Previously Presented):** The rubber material composition of claim 12, further comprising a reinforcing agent that comprises a mixture of carbon black and a white filler selected from the group consisting of hydrated silica, clay, talc, calcium carbonate, diatomaceous earth and wollastonite.

**16. (Previously Presented):** The rubber material composition of claim 15, wherein the mixture is 20 to 200 wt parts per 100 wt parts of the carboxylated acrylonitrile-butadiene rubber.

**17. (Previously Presented):** The rubber material composition of claim 16, wherein the mixture comprises 10 to 90 wt parts of carbon black and 10 to 110 wt parts of the white filler.

**18. (Previously Presented):** The rubber material composition of claim 7, further comprising a lubricant wax or oil.

**19. (Previously Presented):** The rubber material composition of claim 18, wherein the lubricant is a wax having a melting point of 40 to 140°C.

**20. (Previously Presented):** The rubber material composition of claim 19, wherein the wax is selected from the group consisting of paraffin wax, micro-crystal wax, polyethylene wax, montan wax, carnauba wax, an ester based wax, stearamide, oxystero amide erucylamide, laurylamide, palmitylamide, behenamide, methylolamide, ethylenebisoleylamide and stearylolyleylamide.

**21. (Previously Presented):** The rubber material composition of claim 20, wherein the wax is polyethylene wax.

**22. (Previously Presented):** The rubber material composition of claim 19, wherein the wax is added in an amount of 3 to 30 wt parts per 100 wt parts per the carboxylated acrylonitrile-butadiene rubber.

**23. (Previously Presented):** The rubber material composition of claim 18, wherein the lubricant is an oil selected from the group consisting of a mineral oil, an ether oil, a silicone oil, a poly  $\alpha$  olefin oil, a fluorine oil and a fluorine base surfactant.

**24. (Previously Presented):** The rubber material composition of claim 23, wherein the lubricant is a silicone oil comprising polydimethyl siloxane as a main component.

**25. (Previously Presented):** The rubber material composition of claim 24, wherein a part of the methyl group of the polydimethyl siloxane is a modified type replaced with an amino group, alkyl group, polyether group or higher fatty acid ester.

**26. (Previously Presented):** The rubber material composition of claim 23, wherein the oil is added in an amount of 1 to 30 wt parts per 100 wt parts of the carboxylated acrylonitrile-butadiene rubber.

**27. (Previously Presented):** The rubber material composition of claim 19, wherein the wax has a melting point of 55 to 70°C and is added in an amount of 0.5 to 2 wt parts per 100 wt parts of the carboxylated acrylonitrile-butadiene rubber.

**28. (Previously Presented):** The rubber material composition of claim 19, wherein the wax has a melting point of 75 to 130°C and is added in an amount of 5 to 20 wt parts per 100 wt parts of the carboxylated acrylonitrile-butadiene rubber.

**29. (Previously Presented):** The rubber material composition of claim 7, having a hardness of 60 to 90 according to spring hardness A scale in JIS K6301.

**30. (Previously Presented):** The rubber material composition of claim 29, having a hardness of 70 to 80 according to spring hardness A scale in JIS K6301.

**31. (Previously Presented):** The rubber material composition of claim 7, having a hardness of 60 to 90 measured by a durometer A scale.

**32. (Previously Presented):** The rubber material composition of claim 31, having a hardness of 70 to 80 measured by a durometer A scale.

**33. (Previously Presented):** The rubber material composition of claim 29, having tensile rupture elongation of 200% or higher.

**34. (Previously Presented):** The rubber material composition of claim 33, having tensile rupture elongation of 300% or higher.

**35. (Previously Presented):** The rubber material composition of claim 34 having tension rupture strength of 20 MPa or more.

**36. (Previously Presented):** The rubber material composition of claim 35 having tension rupture strength of 25 MPa or more.

**37. (Previously Presented):** The rubber material composition of claim 8, wherein the carboxylated acrylonitrile-butadiene rubber comprises a carboxyl group in an amount of  $1 \times 10^{-4}$  ephr or more, in terms of acid-equivalent weight.

**38. (Previously Presented):** The rubber material composition of claim 37, wherein the carboxylated acrylonitrile-butadiene rubber comprises a carboxyl group in an amount of  $2 \times 10^{-3}$  to  $5 \times 10^{-2}$  ephr, in terms of acid equivalent weight.

**39. (Previously Presented):** The rubber material composition of claim 38, wherein the carboxylated acrylonitrile-butadiene rubber comprises a carboxyl group in an amount of  $2 \times 10^{-3}$  ephr, in terms of acid equivalent weight.

**40. (Previously Presented):** The rubber material composition of claim 8, further comprising a vulcanization agent and an age register agent.

**41. (Previously Presented):** The rubber material composition of claim 40, further comprising a reinforcing agent selected from the group consisting of hydrated silica, clay, talc, calcium carbonate, diatomaceous earth and wollastonite.

**42. (Previously Presented):** The rubber material composition of claim 41, wherein the reinforcing agent is an amount of 20 to 150 wt parts per 100 parts of the carboxylated acrylonitrile-butadiene rubber.

**43. (Previously Presented):** The rubber material composition of claim 40, further comprising a reinforcing agent that comprises a mixture of carbon black and a white filler selected from the group consisting of hydrated silica, clay, talc, calcium carbonate, diatomaceous earth and wollastonite.

**44. (Previously Presented):** The rubber material composition of claim 53, wherein the mixture is 20 to 200 wt parts per 100 wt parts of the carboxylated acrylonitrile-butadiene rubber.

**45. (Previously Presented):** The rubber material composition of claim 44, wherein the mixture comprises 10 to 90 wt parts of carbon black and 10 to 110 wt parts of the white filler.

**46. (Previously Presented):** The rubber material composition of claim 8, further comprising a lubricant wax or oil.

**47. (Previously Presented):** The rubber material composition of claim 46, wherein the lubricant is a wax having a melting point of 40 to 140°C.

**48. (Previously Presented):** The rubber material composition of claim 47, wherein the wax is selected from the group consisting of paraffin wax, micro-crystal wax, polyethylene wax, montan wax, carnauba wax, an ester based wax, stearamide, oxystero amide erucylamide,

laurylamide, palmitylamide, behenamide, methylolamide, ethylenebisoleylamide and stearyloleylamide.

**49. (Previously Presented):** The rubber material composition of claim 48, wherein the wax is polyethylene wax.

**50. (Previously Presented):** The rubber material composition of claim 47, wherein the wax is added in an amount of 3 to 30 wt parts per 100 wt parts per the carboxylated acrylonitrile-butadiene rubber.

**51. (Previously Presented):** The rubber material composition of claim 46, wherein the lubricant is an oil selected from the group consisting of a mineral oil, an ether oil, a silicone oil, a poly  $\alpha$  olefin oil, a fluorine oil and a fluorine base surfactant.

**52. (Previously Presented):** The rubber material composition of claim 51, wherein the lubricant is a silicone oil comprising polydimethyl siloxane as a main component.

**53. (Previously Presented):** The rubber material composition of claim 52, wherein a part of the methyl group of the polydimethyl siloxane is a modified type replaced with an amino group, alkyl group, polyether group or higher fatty acid ester.

**54. (Previously Presented):** The rubber material composition of claim 51, wherein the oil is added in an amount of 1 to 30 wt parts per 100 wt parts of the carboxylated acrylonitrile-butadiene rubber.

**55. (Previously Presented):** The rubber material composition of claim 47, wherein the wax has a melting point of 55 to 70°C and is added in an amount of 0.5 to 2 wt parts per 100 wt parts of the carboxylated acrylonitrile-butadiene rubber.

**56. (Previously Presented):** The rubber material composition of claim 47, wherein the wax has a melting point of 75 to 130°C and is added in an amount of 5 to 20 wt parts per 100 wt parts of the carboxylated acrylonitrile-butadiene rubber.

**57. (Previously Presented):** The rubber material composition of claim 8, having a hardness of 60 to 90 according to spring hardness A scale in JIS K6301.

**58. (Previously Presented):** The rubber material composition of claim 57, having a hardness of 70 to 80 according to spring hardness A scale in JIS K6301.

**59. (Previously Presented):** The rubber material composition of claim 8, having a hardness of 60 to 90 measured by a durometer A scale.

**60. (Previously Presented):** The rubber material composition of claim 59, having a hardness of 70 to 80 measured by a durometer A scale.

**61. (Previously Presented):** The rubber material composition of claim 57, having tensile rupture elongation of 200% or higher.

**62. (Previously Presented):** The rubber material composition of claim 61, having tensile rupture elongation of 300% or higher.

**63. (Previously Presented):** The rubber material composition of claim 62, having tension rupture strength of 20 MPa or more.

**64. (Previously Presented):** The rubber material composition of claim 63, having tension rupture strength of 25 MPa or more